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14 Mosman Street, Mosman, New South Wales 2088
(AU). **SUTHERLAND, Robert** [NZ/AU]; 20 Northcot
Road, Lindfield, New South Wales 2070 (AU). **O'BRIEN,**
Philippa [GB/AU]; 73 Ocean Street, Woollahra, New
South Wales 2025 (AU).

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(74) Agent: **FB RICE & CO.**; 139 Rathdowne Street, Carlton,
Victoria 3053 (AU).

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(71) Applicant (*for all designated States except US*): **GARVAN**
INSTITUTE OF MEDICAL RESEARCH [AU/AU]; C/-
St. Vincent's Hospital, 384 Victoria Street, Darlinghurst,
New South Wales 2010 (AU).

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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **WATTS, Colin**
[AU/AU]; 167 Avalon Parade, Avalon, New South Wales
2107 (AU). **SAUNDERS, Darren** [AU/AU]; 358 Belmont
Street, Alexandria, New South Wales 2015 (AU). **HEN-**
DERSON, Michelle [AU/AU]; 2/25-31 Alexandra Street,
Drummoyne, New South Wales 2047 (AU). **CLANCY,**
Jennifer [AU/AU]; 1/84 Percival Road, Stanmore, New
South Wales 2048 (AU). **HENSHALL, Susan** [AU/AU];

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(54) Title: NOVEL DIAGNOSTIC AND THERAPEUTIC METHODS AND REAGENTS THEREFOR

(57) Abstract: This invention provides novel methods of detecting or treating aberrant cell cycle regulation associated with expres-
sion of a nuclear protein encoded by a gene that is linked to map position 8q22.3 of the human genome, and to novel reagents that
are useful therefor. More particularly, the invention provides novel nucleic acid and proteinaceous probes, for detecting a gene that is
linked to map position 8q22.3 of the human genome or the expression products thereof, wherein expression or elevated expression of
said gene is associated with the appearance or occurrence of tumors associated with cancer, DNA damage and progesterone-recep-
tor-mediated effects on cells. The invention also provides reagents and methods for detecting or modulating the expression products
of the gene, such as, for example, in the diagnosis or treatment of cancer, cellular proliferation, DNA damage or progesterone recep-
tor-mediated effects on cells.